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**United States Patent** [19]

Ohmura

[11] Patent Number: **5,893,650**[45] Date of Patent: **Apr. 13, 1999**[54] **VIEWFINDER SYSTEM AND SINGLE-LENS REFLEX CAMERA HAVING THE SAME**[75] Inventor: **Yusuke Ohmura, Yokohama, Japan**[73] Assignee: **Canon Kabushiki Kaisha, Tokyo, Japan**[21] Appl. No.: **08/986,954**[22] Filed: **Dec. 8, 1997**[30] **Foreign Application Priority Data**

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[51] Int. CL<sup>6</sup> ..... **G03B 17/00**[52] U.S. Cl. .... **396/51; 396/296; 396/386**[58] Field of Search ..... **396/296, 386, 396/385, 51**[56] **References Cited****U.S. PATENT DOCUMENTS**

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[57] **ABSTRACT**

A viewfinder system adapted for a single-lens reflex camera includes an optical system which guides light from an object to a viewer, a display part which displays information in a visual field of the optical system, a light combining member which is disposed in an optical path of the optical system and combines the light from the object with the information displayed by the display part, the light combining member having spectral transmission characteristics which differ with angles of incidence of light, and a correction member for keeping a spectral transmission characteristic of the entirety of the optical system substantially constant irrespectively of the angles of incidence of light on the light combining member.

**30 Claims, 9 Drawing Sheets**